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United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

JULY, 1930

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A copy of any of the general publications listed herein, except those otherwise noted, may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the department's supply lasts. Free distribution of periodicals is restricted.

After the department's supply is exhausted, publications may still be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., but by purchase only, and at the prices stated herein.

☞Send all remittances to the Superintendent of Documents direct. His office is not a part of the Department of Agriculture.

GENERAL PUBLICATIONS

FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

Ginseng diseases and their control. H. H. Whetzel, J. Rosenbaum, J. W. Brann, and J. A. McClintock, Bureau of Plant Industry. 20 p., figs. 26. (Farmers' Bulletin 736 F., revised.) Price, 5¢.

The city home garden. W. R. Beattie, Bureau of Plant Industry. 30 p., figs. 14. (Farmers' Bulletin 1044 F., revised.) Price, 5¢.

Beautifying the farmstead. Furman Lloyd Mulford, Bureau of Plant Industry. 38 p., 42 figs. (Farmers' Bulletin 1087 F., revised.) Price, 10¢.

Stored-grain pests. E. A. Back and R. T. Cotton, Bureau of Entomology. 46 p., figs. 69. (Farmers' Bulletin 1260 F., revised.) Price, 15¢.

Care and management of dairy cows. T. E. Woodward and J. R. Dawson, Bureau of Dairy Industry. 37 p., figs. 20. (Farmers' Bulletin 1470 F., revised.) Price, 10¢.

Lettuce growing. W. R. Beattie, Bureau of Plant Industry. 30 p., figs. 20. (Farmers' Bulletin 1609 F., slightly revised.) Price. 5¢.

Irrigation practices in growing alfalfa. Samuel Fortier, Bureau of Public Roads. 26 p., figs. 24. (Farmers' Bulletin 1630 F.) Price, 5¢.

This is a revision of and supersedes Farmers' Bulletin 865. It tells how to construct farm ditches and describes six methods of applying water to alfalfa and the advantages and disadvantages of each. Of interest chiefly to farmers in the arid and semiarid regions.

LEAFLETS

This series carries popular material of the same general character as that carried by the Farmers' Bulletins, except that the leaflets are confined to specific practical directions, recommendations, remedies, and methods. They are brief and concise, written in informal, popular style, and are limited to eight pages.

Care of the dairy cow at calving time. J. B. Shepherd, Bureau of Dairy Industry. 4 p., fig. 1. (Leaflet 10 L., revised.) Price, 5¢.

Hints on wolf and coyote trapping. Stanley P. Young, Bureau of Biological Survey. 8 p., figs. 3. (Leaflet 59 L.) Price, 5¢.

Coyotes and wolves are a menace, both as predators and as carriers of rabies, or hydrophobia. Trapping has been found to be one of the most effective methods of capturing these animals. This leaflet discusses the strategy required in trapping, the method of setting traps, and the principles of scenting.

Ensembles for sunny days. Clarice Louisba Scott, Bureau of Home Economics. 4 p., illus. (Leaflet 63 L.) Price, 5¢.

Gives suggestions for the construction of simple clothing for children to be used in hot weather, including apparel for both boys and girls.

Rabbit recipes. Fanny Walker Yeatman and Mabel C. Stienbarger, Bureau of Home Economics. 8 p., illus. (Leaflet 66 L.) Price, 5¢.

In food value, rabbit falls in the class with poultry and other meats as a source of efficient protein. The recipes given here are merely typical of the many suitable for cooking the white-meated, delicately flavored domestic rabbit.

TECHNICAL BULLETINS

The Technical Bulletins contain the results of scientific and research work applying to a special crop, industry, or locality. The editions are limited, as they are intended primarily for scientific workers and subject-matter specialists.

The air seasoning of wood. J. S. Mathewson, Forest Service. 56 p., figs. 14, pls. 22. (Technical Bulletin 174 T.) Price, 35¢.

Outlines the basic principles of wood drying, and shows how they affect the air seasoning of boards and planks, dimension stock, lath, crossties, poles, posts, timbers, cordwood, cooperage, and veneer. The effects on seasoning of climate, time of year, and other factors are discussed in detail. Of interest to sawmill owners and farmers.

Relative insecticidal value of commercial grades of pyrethrum. C. C. McDonnell, W. S. Abbott, W. M. Davidson, and G. L. Keenan, Food, Drug, and Insecticide Administration, and O. A. Nelson, Bureau of Chemistry and Soils. 10 p. (Technical Bulletin 198 T.) Price, 5¢.

In order to determine whether the effectiveness of insect powder (pyrethrum) depends upon the maturity of the flowers from which it was made and on the region where the flowers were grown, pyrethrum flowers grown in Europe, representing three commercial grades (closed, half-closed, and open), and flowers from Japan were ground into powder and tested against aphids.

CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

National standards for farm products. Lloyd S. Tenny in collaboration with the standardization specialists of the Bureau of Agricultural Economics. 52 p., figs. 14. (Circular 8 C., revised.) Price, 15¢.

Experiments with hot-water treatment of daffodils in relation to forcing and field culture. David Griffiths, Bureau of Plant Industry. 36 p., figs. 18. (Circular 113 C.) Price, 15¢.

Prepared for commercial bulb growers and those who are conducting research on the treatment and storage of daffodil bulbs. Describes injuries and beneficial effects resulting from hot-water treatment.

Relation of dust fungicides to flow of small grains through drills and to drill injury. R. W. Leukel, Bureau of Plant Industry. 10 p. (Circular 119 C.) Price, 5¢.

The effects of copper carbonate and other dust fungicides on the flow of grain through the drill and on the drill itself, and also the added effects of atmospheric moisture and rain are recorded in this circular.

SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey; and (2) a printed report containing brief descriptions of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area surveyed and to soil specialists. All requests for Soil Surveys are referred to the Bureau of Chemistry and Soils, which controls their distribution.

Georgia, Bartow County. (1926, No. 11.) 25¢.

Indiana, Putnam County. (1925, No. 27.) 20¢.

Michigan, Kent County. (1926, No. 10.) 25¢.

Texas, Milam County. (1925, No. 25.) 30¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. *Free distribution* is limited to persons in the employ of the department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

Official standards for the inspection of apples. Bureau of Agricultural Economics. Service and regulatory announcements No. 93, Amendment No. 10. 8 p. (S. R. A., B. A. E. 93, Amend. 10.) Price, 5¢.

Service and regulatory announcements, Plant Quarantine and Control Administration, October-December, 1929. pp. 181–247. (S. R. A., P. Q. C. A. No. 101.) Price, 10¢.

Service and regulatory announcements, Plant Quarantine and Control Administration, January-March, 1930. pp. 1–31. (S. R. A., P. Q. C. A. No. 102.) Price, 10¢.

Thurberia weevil quarantine No. 61, revised. Modification of regulations. Plant Quarantine and Control Administration. 1 p. (P. Q. C. A.—Q. 61, Amend. 1.)

OTHER PUBLICATIONS

List and analytical index of publications of the Porto Rico Agricultural Experiment Station. (July, 1900, to March, 1930.) Elizabeth H. Langdale, Office of Experiment Stations. 42 p. (Porto Rico Circular 21 PRC.) Price, 10¢.

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 14, No. 7. July 1, 1930. Price, 5¢ a copy; 25¢ a year, domestic; 40¢ a year, foreign.[1]

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

Climatological data. Vol. 16, No. 13. Year 1929; Vol. 17, No. 3, March, 1930.

In 42 sections, containing weather statistics for 42 separate sections, each corresponding, as a rule, to a State. Monthly information for 1 section is 50¢ a year; for data regarding all 42 sections, 35¢ a month, or $4 a year.[1] Not for general distribution.

Crops and markets. Vol. 7, No. 6, June, 1930. Price, 5¢ a copy; 60¢ a year, domestic; 85¢ a year, foreign.[1]

Statistics concerning crops and livestock estimates and market information; reports on supplies, stocks, commercial movement, conditions and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price, daily, except Sundays and holidays, 25¢ a month, $3.00 a year; daily, including Sundays and holidays, 30¢ a month, $3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscriptions, $7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States; 20¢ a month, $2.40 a year.[1]

Experiment station record. Vol. 62, No. 9, June, 1930, abstract number. Single numbers for sale only. Price, 10¢.[1]

A technical review of the world's scientific literature pertaining to agriculture. Two volumes a year, of 10 numbers each; 75¢ a volume, domestic; $1.25 a volume, foreign.

Extension service review. Vol. 1, No. 3. July, 1930. Illus. Price, 5¢ a copy; 50¢ a year, domestic; 75¢ a year, foreign.[1]

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

Journal of agricultural research. Price, 20¢ a copy; $4 a year, domestic; $5.25 a year foreign.[1] Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain

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libraries and to institutions or departments doing research work. Separates of articles are distributed free to those desiring them, as long as the limited supply lasts.

——— Vol. 41, No. 1. July 1, 1930. Illus.

CONTENTS:

Effect of environmental factors upon the resistance of cabbage to yellows. (G–710.) J. C. Walker and Rose Smith.

A cytological study of cabbage plants in strains susceptible or resistant to yellows. (G–712.) Rose Smith and J. C. Walker.

A study of the accuracy of measurements of dairy cattle. (Tex.–8) Jay L. Lush and O. C. Copeland.

The vitamin-C content of commercially canned sauerkraut, together with some observations on its vitamin-A content. (Wis.–50.) Bertha Clow, Helen T. Parsons, and Ina Stevenson.

Potassium iodide as a mineral supplement in paired feeding experiments with growing swine. (Ill.–39.) W. E. Carroll, H. H. Mitchell, and G. E. Hunt.

Influence of small quantities of potassium iodide on the assimilation of nitrogen, phosphorus, and calcium in the growing pig. (Ill.–40.) F. J. McClure and H. H. Mitchell.

Variations in content of sugars and related substances in olives. (Calif.–53.) P. F. Nichols.

Public roads. Price, 10¢ a copy; $1 a year, domestic; $1.50 a year foreign.[1]

——— Vol. 11, No. 4. June, 1930. Illus.

CONTENTS:

Illustrations of frost and ice phenomena.
Progress report of the Connecticut Avenue experimental road.
Some points of contact between soil science and highway engineering.

The official record. Vol. 9, Nos. 27–30. July 3, 10, 17, 24, 1930. Price, 5¢ a copy; 50¢ a year, domestic; $1.10 a year, foreign.

Contains official orders and miscellaneous information concerning the department's activities and such other matter as should be brought to employees' attention.

Weekly weather and crop bulletin. Nos. 26–30. July 1, 8, 15, 22, 29, 1930. Price, 50¢ a year, domestic; $1 a year, foreign.[1]

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

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